

Complete List of Pending Claims:

Claims 1-20: (Previously Canceled)

21. (Previously Added) A modified nucleotide triphosphate comprising a covalently attached electron transfer moiety.
22. (Previously Added) A nucleotide according to claim 21 wherein said electron transfer moiety is attached to the ribose of said nucleotide.
23. (Previously Added) A nucleotide according to claim 21 wherein said electron transfer moiety is attached to the ribose via a linker at the 2' position.
24. (Previously Added) A nucleotide according to claim 21 wherein said electron transfer moiety is a transition metal complex.
25. (Previously Added) A nucleotide according to claim 24 wherein said transition metal complex comprises ruthenium.
26. (Previously Added) A nucleotide according to claim 24 wherein said transition metal complex comprises iron.
27. (Previously Added) A method of making a nucleic acid comprising a covalently attached electron transfer moiety, said method comprising:
- a) providing a modified nucleotide comprising a covalently attached electron transfer moiety;
 - b) converting said modified nucleotide into a modified nucleotide triphosphate; and
 - c) incorporating said modified nucleotide triphosphate in a synthetic reaction to form a nucleic acid with a covalently attached electron transfer moiety.
28. (Previously Added) A method according to claim 27 wherein said electron transfer moiety is attached to the ribose of said nucleotide.
29. (Previously Added) A method according to claim 27 wherein said electron transfer moiety is attached to the ribose via a linker at the 2' position.
30. (Previously Added) A method according to claim 27 wherein said electron transfer moiety is a transition metal complex.
31. (Previously Added) A method according to claim 30 wherein said transition metal complex comprises ruthenium.
32. (Previously Added) A method according to claim 30 wherein said transition metal complex comprises iron.